

C.I. 21010

Chemical Properties

CAS No. : 5421-66-9

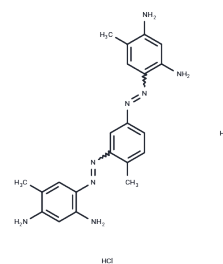
Formula: C₂₁H₂₆Cl₂N₈

Molecular Weight: 461.39

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	C.I. 21010 is an alkaline dye.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1674 mL	10.8368 mL	21.6736 mL
5 mM	0.4335 mL	2.1674 mL	4.3347 mL
10 mM	0.2167 mL	1.0837 mL	2.1674 mL
50 mM	0.0433 mL	0.2167 mL	0.4335 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Huang M, Kline N, Miller TA, Dawes R. Studies via Near-Infrared Cavity Ringdown Spectroscopy and Electronic Structure Calculations of the Products of the Photolysis of Dihalomethane/N(2)/O(2) Mixtures. J Phys Chem A. 2017 Jan 12;121(1):98-112. doi: 10.1021/acs.jpca.6b10632. Epub 2017 Jan 3. PubMed PMID: 27978619.

Lieske CN, Lukey BJ, Hayward IJ, Gepp RT, Meyer HG. Intramuscular administration of atropine in the rat: jet spray versus conventional needle injection. Biopharm Drug Dispos. 1990 Apr;11(3):207-13. PubMed PMID: 2328307.

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